

Martinsburg

McKESSON
Empowering Healthcare

VISN5

Quotation: H11VSN015TS
Revision Date: September 16, 2010
Project Name: HMI

Prepared By: Tony Douglas
Contact Number: (804) 464-2851

Horizon Medical Imaging Quotation Summary

Test System Quotation #H11VSN015TSTS

Professional Services

Professional Services Discount

Net Professional Services

Subtotal Test System Quotation \$

Net Total \$

The pricing set forth in this proposal represents McKesson's complete proposal for the products and or customer's facilities set forth herein (the "Pricing Proposal"), regardless of other proposals made by McKesson either simultaneously with this Pricing Proposal or otherwise regarding additional products or facilities that are not set forth herein.

McKesson has made no warranty or commitment with regard to any functionality not Generally Available as of the date of the Quotation or if the Quotation is included in a contract, then as of the Contract Supplement Effective Date

One time pricing concession based on McKesson's first VISN wide installation – establishing an HMI VA reference base for future sales.

This proposal requires some components from quotations H11VSN008 and H11VSN009 in order to provide a complete functional PACS system for the facility named herein.

Note that McKesson has a valid DIN PACS II Contract: Contract Number: SPM2D1-08-D-83402-13-08

Note that McKesson has responded to the DIN PACS III Solicitation with Solicitation Number: SPM2D1-10-R0011

McKESSON
A Division of McKesson Medical-Surgical

VISN5

Quotation: H11VSN015TSTS
Project HMI

Contact Name Tony Douglas
Contact Number (804) 464-2851
Revision Date September 16, 2010

- BUDGETARY QUOTATION -
HORIZON MEDICAL IMAGING TEST SYSTEM

ITEM NO.	QTY	PART NO.	DESCRIPTION	UNIT PRICE <i>Includes Applicable Discounts</i>	EXTENDED PRICE
Professional Services					
1		INS100 74007667	Installation		
<i>Subtotal Professional Services</i>					
<i>Grand Total #H11VSN015TSTS</i>					



VISN5

Quotation: H11VSN010TS
Revision Date: September 16, 2010
Project Name: HMI
Prepared By: Tony Douglas
Contact Number: (804) 464-2851

Horizon Medical Imaging Quotation Summary

Quotation #H11VSN010TS

Horizon Medical Imaging Software, Third Party Software and
Equipment and Maintenance

PACS Fee Per Study

234000 exams per year \$ \$

Option Year 2 Cost Per Study - PACS		
234000 exams per year	\$	\$
Option Year 3 Cost Per Study - PACS		
234000 exams per year	\$	\$
Option Year 4 Cost Per Study - PACS		
234000 exams per year	\$	\$
Option Year 5 Cost Per Study - PACS		
234000 exams per year	\$	\$

The pricing set forth in this proposal represents McKesson's complete proposal for the products and or customer's facilities set forth herein (the "Pricing Proposal"), regardless of other proposals made by McKesson either simultaneously with this Pricing Proposal or otherwise regarding additional products or facilities that are not set forth herein.

McKesson has made no warranty or commitment with regard to any functionality not Generally Available as of the date of the Quotation or if the Quotation is included in a contract, then as of the Contract Supplement Effective Date

One time pricing concession based on McKesson's first VISN wide installation – establishing an HMI VA reference base for future sales.

This proposal requires some components from quotations H11VSN008 and H11VSN009 in order to provide a complete functional PACS system for the facility named herein.

Note that McKesson has a valid DIN PACS II Contract: Contract Number: SPM2D1-08-D-83402-13-08

Note that McKesson has responded to the DIN PACS III Solicitation with Solicitation Number: SPM2D1-10-R0011

Quotation: H11VSN010TSTS
Project: H11M

Contact Name: Tony Douglas
Contact Number: (854) 464-2851
Revision Date: September 16, 2012

- BUDGETARY QUOTATION -
HORIZON MEDICAL IMAGING TEST SYSTEM

ITEM NO.	QTY	PART NO.	DESCRIPTION		
Third Party Software					
1		ORC110 72008218	ORACLE SOFTWARE LICENSE Oracle Standard Edition Named User license, 5 users		
Equipment					
2		TST400H2K8x64 80004865	HORIZON MEDICAL IMAGING TEST SERVER - HP Hardware: Windows Server license, Rack mountable server, Gigabit ethernet adaptor Requires ORC110 Oracle Software License Server requires a copper Gigabit ethernet connection and a copper Gigabit switch		
3		UPS100H 80000405	RACK MOUNTABLE UPS		
Grand Total #H11VSN010TSTS					



VISN5

Quotation: H11VSN014-01
Revision Date: September 17, 2010
Project Name: HMI
Facility Name: VA Martinsburg
Prepared By: Tony Douglas
Contact Number: (804) 464-2851

Horizon Medical Imaging Quotation Summary

Primary Quotation #H11VSN014-01

Installation and Professional Services

Professional Services Discount

Net Professional Services

Subtotal Primary Quotation

\$

Net Total

\$

The pricing set forth in this proposal represents McKesson's complete proposal for the products and or customer's facilities set forth herein (the "Pricing Proposal"), regardless of other proposals made by McKesson either simultaneously with this Pricing Proposal or otherwise regarding additional products or facilities that are not set forth herein.

McKesson has made no warranty or commitment with regard to any functionality not Generally Available as of the date of the Quotation or if the Quotation is included in a contract, then as of the Contract Supplement Effective Date

One time pricing concession based on McKesson's first VISN wide installation – establishing an HMI VA reference base for future sales.

This proposal requires some components from quotations H11VSN008 and H11VSN009 in order to provide a complete functional PACS system for the facility named herein.

Note that McKesson has a valid DIN PACS II Contract: Contract Number: SPM2D1-08-D-83402-13-08

Note that McKesson has responded to the DIN PACS III Solicitation with Solicitation Number: SPM2D1-10-R0011

McKESSON
Healthcare Information Systems

VISN5

Quotation: H11VSN014-01
 Project: HMI
 Site: VA Martinsburg

Contact Name: Tony Douglas
 Contact Number: (804) 464-2851
 Revision Date: September 17, 2010

- BUDGETARY QUOTATION -

ITEM NO.	QTY	PART NO.	DESCRIPTION	UNIT PRICE <i>Includes Applicable Discounts</i>	TOTAL PRICE <i>Qty x Unit Price</i>
Professional Services					
1		TRV120 74-TBD	<p>VTRIP APPLICATIONS TRAINING WITH DISPLAY PROTOCOL DESIGN AND BUILD – 2 DAY</p> <p>Includes: Two consecutive days of on-site training, typically this would be sufficient for training of up to six Radiologists.</p>		
2		ASM100 75003140	<p>IMPLEMENTATION AND APPLICATIONS COURSE</p> <p>HMI Implementation and Applications is a pre-installation course intended to provide participants with the skills needed to implement HMI PACS. This includes workflow changes infrastructure requirements, training and planning for PACS installations as well as intensive applications training.</p> <p>The intended audience is PACS Administrators, IT personnel and Superusers who will be involved in the implementation and administration of the PACS system.</p> <p>Available at McKesson's Richmond, British Columbia office. Travel expenses are not included.</p>		
3		ASM110 75003090	<p>ADVANCED APPLICATIONS COURSE</p> <p>HMI Advanced Applications is a post-installation advanced applications training course intended to reinforce and develop the skills necessary to support HMI PACS. Sessions will discuss and resolve site specific workflow and applications configuration concerns in a round-table format. The emphasis is on scenario-based learning and a large portion of the course will be devoted to hands on use of HMI PACS in a lab setting.</p> <p>The intended audience is PACS Administrators, IT personnel and Superusers.</p> <p>Prerequisites : Participants should have approximately 2 - 3 months of experience using HMI PACS as well as a strong understanding of their facility's clinical/radiology workflow.</p> <p>Available at McKesson's Richmond, British Columbia office. Travel expenses are not included.</p>		

Quotation: H11VSN014-01
Project: HMI
Site: VA Martinsburg

Contact Name: Tony Douglas
Contact Number: (804) 464-2851
Revision Date: September 17, 2010

- BUDGETARY QUOTATION -

ITEM NO.	QTY	PART NO.	DESCRIPTION	UNIT PRICE <i>Includes Applicable Discounts</i>	TOTAL PRICE <i>Qty x Unit Price</i>
4		ASM120 75003091	<p>ARCHITECTURE AND SUPPORT</p> <p>HMI Architecture and Support is a post-installation technical course intended to provide comprehensive introduction to HMI PACS architecture and the advanced skills required to streamline the PACS problem resolution process. The course will enable students to use system tools and logs to help diagnose problems.</p> <p>The intended audience is advanced technical users such as PACS Administrators, IT personnel and Superusers who will be responsible for the HMI PACS system internal processes and data flow and technical support.</p> <p>Prerequisites: This advanced course is specifically designed for the experienced PACS user and systems administrator. Students are expected to have the following prerequisites:</p> <ul style="list-style-type: none"> - Completion of the HMI Implementation and Application training course - Intermediate level of Windows administration - Experience working with command line tools to administrate servers and workstations - LAN network experience - DICOM Basics - HL-7 Basics <p>Available at McKesson's Richmond, British Columbia office. Travel expenses are not included.</p>		
5		INS100 74007667	<p>Installation and Training</p> <p>Includes</p> <ul style="list-style-type: none"> - Implementation and/or training services for implementation of this quotation. - Any travel and onsite living expenses for McKesson personnel providing these services - Shipping and handling charges for shipment from McKesson to customer site 		
Grand Total					



VISN5

Quotation: H11VSN007-01
Revision Date: September 17, 2010
Project Name: HMI
Facility Name: VA Martinsburg
Prepared By: Tony Douglas
Contact Number: (804) 464-2851

Horizon Medical Imaging Quotation Summary

Quotation #H11VSN007-01

Horizon Medical Imaging Software, Third Party Software and Equipment and Maintenance

PACS Fee Per Study

48000 exams per year \$ \$

Option Year 2 Cost Per Study - PACS		
48000 exams per year	\$	\$
Option Year 3 Cost Per Study - PACS		
48000 exams per year	\$	\$
Option Year 4 Cost Per Study - PACS		
48000 exams per year	\$	\$
Option Year 5 Cost Per Study - PACS		
48000 exams per year	\$	\$

The pricing set forth in this proposal represents McKesson's complete proposal for the products and or customer's facilities set forth herein (the "Pricing Proposal"), regardless of other proposals made by McKesson either simultaneously with this Pricing Proposal or otherwise regarding additional products or facilities that are not set forth herein.

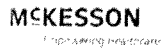
McKesson has made no warranty or commitment with regard to any functionality not Generally Available as of the date of the Quotation or if the Quotation is included in a contract, then as of the Contract Supplement Effective Date

One time pricing concession based on McKesson's first VISN wide installation – establishing an HMI VA reference base for future sales.

This proposal requires some components from quotations H11VSN008 and H11VSN009 in order to provide a complete functional PACS system for the facility named herein.

Note that McKesson has a valid DIN PACS II Contract: Contract Number: SPM2D1-08-D-83402-13-08

Note that McKesson has responded to the DIN PACS III Solicitation with Solicitation Number: SPM2D1-10-R0011



VISN5

Quotation: H11VSN007-01
 Project: HMI
 Site: VA Martinsburg

Contact Name: Tony Douglas
 Contact Number: (804) 464-7551
 Revision Date: September 17, 2010

- BUDGETARY QUOTATION -

ITEM NO.	QTY	PART NO.	DESCRIPTION		
Horizon Medical Imaging Software					
1		HMI100 72008731	<p>HORIZON MEDICAL IMAGING VOLUME LICENSE</p> <p>Licensed for 48 000 Exams per year</p> <p>Horizon Medical Imaging Software License, including the following functionality</p> <ul style="list-style-type: none">- Study Management: Image Acquisition, Online/Archive Storage and study tracking- Diagnostic Review: Horizon Rad Station - Advanced (HRS-A) and/or Horizon Rad Station - Distributed (HRS-D) for purposes of study interpretation. Includes integration to qualified dictation packages and 3rd party diagnostic tools (ie 3D).- Technologist Workflow: Horizon Rad Station - Advanced (HRS-A) and/or Horizon Rad Station - Distributed (HRS-D) for QA, Printing, Mark-up, Document Scanning, etc.- Study Distribution: CD Publishing and Web-distribution tools, including EMR integration <p>Horizon Medical Imaging Software is licensed for the specified annual volume of Exams processed at the named facilities. Additional license fees are required to process higher exam volumes.</p>		
2		CRR100 72022392	<p>HORIZON MEDICAL IMAGING CRITICAL RESULTS REPORTING</p> <p>Licensed for 45 450 Exams per year</p> <p>Critical Results Reporting provides the ability to</p> <ul style="list-style-type: none">- Flag studies for critical result findings- Log communication acknowledgment- Generate aggregate statistical reports over an interval of time <p>Critical Results Reporting Volume Software is licensed for the specified annual volume of exams processed at the named facilities. Additional license fees are required to process higher exam volumes</p> <p>Requires HMI 11.7 or higher</p>		
3		CCS100 72017649	<p>CARE CONTINUANCE SERVER SOFTWARE</p> <p>Provides HMI database functionality with restored data if the production database fails.</p> <p>Does not include image replication or any other non-database functionality associated with the production system. Access to images may be limited, based on system configuration.</p> <p>Requires Care Continuance Server equipment</p>		
Third Party Software					
4		ORC101 72008210	<p>ORACLE SOFTWARE LICENSE</p> <p>Oracle Standard Edition ONE license for 1x CPU</p>		
				Subtotal Third Party Software	
Equipment					

- BUDGETARY QUOTATION -

ITEM NO.	QTY	PART NO.	DESCRIPTION		
5		WKS100HXP 80001506	HORIZON RAD STATION - HP This chassis is not be used with 5MP Displays Hardware: Workstation with a 100/1000BaseT NIC and Windows XP Software License.		
6		CDS610B 80004072	DISPLAY SYSTEM: BARCO CORONIS 6MP/ MDCC6130 DL 30" Color 6 MegaPixel Diagnostic Flat Panel with auto DICOM calibration, embedded front light sensor and protective glass.		
7		ADI210BB 80004560	AUXILIARY DISPLAY SYSTEM: BARCO MDRC-2120 20.1" Colour 1600 X 1200 Clinical Review Display with DICOM calibration		
8		WKS100HXP 80001506	TECHNOLOGIST RAD CASE VIEWING STATION - HP This chassis is not be used with 5MP Displays Hardware: Workstation with a 100/1000BaseT NIC and Windows XP Software License		
9		ADI210BB 80004560	DISPLAY SYSTEM: BARCO MDRC-2120 20.1" Colour 1600 X 1200 Clinical Review Display with DICOM calibration		
10		WKS100HXP 80001506	PACS ADMINISTRATIVE WORKSTATION - HP This chassis is not be used with 5MP Displays Hardware: Workstation with a 100/1000BaseT NIC and Windows XP Software License.		
11		ADI210BB 80004560	DISPLAY SYSTEM: BARCO MDRC-2120 20.1" Colour 1600 X 1200 Clinical Review Display with DICOM calibration		
12		WSA100 80000454	DOCUMENT SCANNING Hardware: USB Document scanner with all required cabling and adapters Includes an Automatic Sheet Feeder Requires: Horizon Rad Station 3.3.2 or greater and Microsoft Windows XP		
13		CAL400 80001194	BARCO DISPLAY CALIBRATION KIT		

- BUDGETARY QUOTATION -

ITEM NO.	QTY	PART NO.	DESCRIPTION		
14		RVC101XP 80000387	BASIC VOICE CLIPS W/ HEADSET Includes headset with integrated speakers and microphone Requires Horizon Medical Imaging version 4.6 and Horizon Rad Station version 3.3 or greater		
15		SRV600H2K8x64 80004866	HORIZON MEDICAL IMAGING APPLICATION SERVER - HP Equipment: Windows Server license, Rack mountable server, Gigabit ethernet adaptor, requires a copper Gigabit ethernet connection		
16		NSU410H2K8x64 80004862	HORIZON MEDICAL IMAGING CARE CONTINUANCE DATABASE SERVER - HP Equipment: Windows Server license, Rack mountable server, Gigabit ethernet adaptor Server requires a copper Gigabit ethernet connection and a copper Gigabit switch		
17		SRV500H2K8x64 80004867	HORIZON MEDICAL IMAGING EDGE SERVER - HP Equipment: Windows Server license, Rack mountable server, Gigabit ethernet adaptor, requires a copper Gigabit ethernet connection		
18		NSD710H 80004324	NETWORK ATTACHED STORAGE - 3,379 GB - SAS - HP Includes: Network storage appliance with 3,379 GB usable space, 1000BaseT network connection. Requires Horizon Medical Imaging version 4.4 or greater		
19		JPS100H	RACK MOUNTABLE UPS - DR LOCATION Hardware to be provided by the customer and must be an exact match to the standard McKesson Bill of Materials at time of implementation. This hardware is to be shipped (prepaid and insured) to McKesson's Canadian location for system configuration and testing by a date to be coordinated with McKesson's Production department		
System Configuration Settings					

Quotation: H11VSN007-01
Project: HMI
Site: VA Martinsburg

Contact Name: Tony Douglas
Contact Number: (804) 464-2851
Revision Date: September 17, 2010

- BUDGETARY QUOTATION -

ITEM NO.	QTY	PART NO.	DESCRIPTION		
----------	-----	----------	-------------	--	--

(A) 4x WSA370

WORKSTATION POWERSCRIBE INTEGRATION

Includes integration of a Horizon Rad Station with an existing PowerScribe system for voice recognition. The PowerScribe client may be installed on the HRS-Advanced workstation or on a standalone PowerScribe station.

PowerScribe system and client licenses must be existing or purchased separately from PowerScribe, including PowerMics to be connected to Horizon Rad Station Advanced. The PowerScribe system must be interfaced to the site HIS/RIS via HL-7. All charges associated with the PowerScribe system in order to enable this interface are the responsibility of the customer.

McKesson recommends dual CPU workstations for VR processing. Desktop integration with VR software and 3D advanced visualization products may create performance issues, related to the competing requirements for CPU processing power. It is recommended that if both VR and Advanced Visualization are run on the same workstation that the work is done in a non-synchronous fashion. An alternative is to have a standalone 3D Advanced workstation with the standalone VR integration.

PLEASE NOTE: Requires confirmation by McKesson that the desired versions of PowerScribe and Horizon Rad Station have been successfully qualified together. The customer must provide McKesson with the specific version numbers to be integrated. Future software upgrades and/or charges may apply to validate integrations with other versions of PowerScribe or to make customizations to the qualified integration.

Please note that the design of the Horizon Medical Imaging system is sensitive to the underlying network bandwidth available. For optimum performance, and in order to be able to meet the stated image response times the proposed Horizon Medical Imaging system must be installed on a network that satisfies the following criteria:

- All structured cabling must conform to the Registered Category 5 standard.

- All Horizon Medical Imaging workstations require a switched 100BaseT network connection running at full-duplex mode. Horizon Medical imaging workstations cannot be connected using NAT (Network Address Translation), the Internet, or through a firewall.

- All Horizon Medical Imaging servers require a switched Copper Gigabit Ethernet port (1000BaseT) network connection.

- The Horizon Medical Imaging Servers must be connected to a network fabric, or backbone, that is capable of providing a minimum of Gigabit Ethernet (1000Mbit/sec), or equivalent, aggregate throughput dedicated to PACS network traffic to the switch fabric that feeds the Horizon Medical Imaging workstations.

- If new construction is planned then McKesson advises that structured cabling be specified to meet Category 5E (TIA 568A Addendum 3, March 1998) or Category 6 specification.

- If the Horizon Medical Imaging system is interconnected to the hospital network, the image management system should be kept on a subnet, isolated from the primary network.

All sites and locations that will have connectivity to the HMI system must be inside the facility's firewall. Locations outside the firewall will be unable to access the HMI system. A wide area network connection must be provided between locations, campuses and buildings; preferably fiber ATM or FDDI to provide high network performance. ISDN, T1, and other connectivity options are less desirable and can result in performance and operability problems. All HMI PACS systems (servers, workstations, NAS) should have reliable network connectivity to all other components of the PACS network; therefore, it is essential to have properly configured network routing between all primary and/or remote sites. Network performance and latency times are the responsibility of the customer. McKesson recommends network speed ping packet tests to be within round trip < 2 msec for HRS-A workstations and within round trip < 200 msec for HRS-D workstations otherwise image access, file access or database access operations will correspondingly experience decrease in performance.